Work Orde		092		*990	192	*		_ ,					Page 1
Item ID: Revision ID: Item Name:	D3912-041 Eyebolt Recei	iver Assembly		Accept	*N	900	<b>040</b>	100	)* s	Setup	Start Stop	171.	S1* S2*
Start Date: Required Date: Reference:	3/27/13 3/27/13	Start Qty: 4.00 Req'd Qty: 4.00	*4* *4*			ust Item II ustomer:	D:						
Approvals:		an: MC5	Date: 13-04-0				ite:	-	I	Run	Start Stop	1/1	R1* R2*
Sequence ID/ Work Center II		Operation Description		Set Up/ Run Hours		Tool ID		Plan Code	Accept Qty	Rej Qty		Reject Number	Insp. Stamp
Draw Nbr	Re	vision Nbr											
D3912	В	· .					· <del></del>						-11
100		Pick Kit		0.00					1/			_	I/( ,
*100* Packaging Packaging		Memo		0.00					9				f) 13/0
110				0.00					16			•	M
*110* Small Fab		Memo		0.00			-		4				J3/1
Small Fab			D3912-1/-3/-5 and install ETS 1:250" LONG	I rivets as per dwg									-
		2- Install he	elical, spring plunger and s	pring pin lanyard assy as	per dwg								
120 *120*		. QC5- Inspect part comp	eleteness to step on W/O	0.00 Sm	6				Ч				
QC Quality Control		Memo		0.00 13-	ê,S								

				DQA:	Date:
NCR:	Yes /	No	WORK ORDER NON-CONFORMANCE / UPDATE		

								<u>-</u>		QA Closed:	Date	•	
Work Orde	ri:				DISPOSITION				AGAINST DE	PARTMENT	/PROCESS		
Part N	Rework Skid-tube Crosstube Water Jet Machining Small Fab Prod. Eng. Coor.  Use-as-is Thermoforming Finishing Rec/Store/Packaging Large Fab Composite Supplier							Engineering Quality Other					
Root				Descri	ption of work order update	Init	Initial Action			Sign &			
Cause	Date	Step	Qty		or Non-conformance	Chief	f Eng	Desc	cription	Date	Verification	QC Inspector	
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training													
Unapproved		<u> </u>				AULT (	CATE	SOBA		<u> </u>		<u> </u>	
Landin	ng Gear	-			General	AULI	JAIL	JORT					
Candin	Bending Centre No Cracks Crushed/ Cuffs Heat Trea Inspectio Ripples in	Crimped at n Strip in		o/s	Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes	Ha In: In: M M	struct	on Incomplete ions Incomplete/ nance led		Ovalized Over/Under Part Incorred Part Lost/Mi Part Moved Positioned V Power Loss/	ssing Vrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other	
Torque Waves in Extrusion Drawing			╡ ~	$\vdash$		Calibration							
			Finish Folio	$\vdash$	Out of Sequence Outside Dimensions					<u></u>			

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Work Ord March-28-13 1				*990			Page 2				
Item ID: Revision ID: Item Name:	D3912-0	141 Receiver Assembly	2	Accept	*N900	*N900040			Setup Star Stop	I VI	S1* S2*
Start Date: Required Date: Reference:	3/27/13	Start Qty: 4.00 Req'd Qty: 4.00	*4* *4*		Cust Item I Customer:	D:					
Approvals: Proces		s Plan:	Date:	Tooling: SPC (Y/N):	Date:			1	Run Stai Sto	I <b>V</b> I	R1* R2*
Sequence ID/ Work Center ID		Operation Description Identify as per dwg & St	ock Location:57072	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
*170* Packaging Packaging		Memo		0.00				_7			15-46
180		QC21- Final Inspection	Work Order Release	0.00							

0.00

Memo

\*180\*

Quality Control

MC 306-07 MF 3-64

NCR:	Yes	1	No
INCIA.	169	,	INU

DQA: Date:

NCR: Y	es / No				WORK ORDER NON-O	CONF	ORN	MANCE / UP	DATE			
										QA Closed:	Date	<u>:                                      </u>
Work Orde	r:		-		DISPOSITION				AGAINST D	EPARTMENT,	/PROCESS	
Part N	o				Rework Scrap		Skid-tube Crosstube  Machining Small Fab			Water Jet Prod. Eng. Coor.		Engineering Quality
NCR No.			<del></del>	Use-as-is Work Order Update	]   <sup>T</sup>	Thermoforming Finishin  Large Fab Composi			Rec/Stor	re/Packaging Supplier	Other	
Root		1		Descri	ption of work order update	Initi	ial	Act	tion	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chief	Eng	Desc	ription	Date	Verification	QC Inspector
oc/Data												
quip/Tooling	_											
perator							İ					
/laterial	_											
etup												
other ~						İ	1					
rocess												
upplier	_											
raining	_					1						
Inapproved												
						AULT C	ATEC	SORY			<u> </u>	
Landin	g Gear			_	General				_	7	_	<b>.</b>
1	Bending			_	Bend	-	rain		L	Ovalized	<u> </u>	Pressure/Forced
ļ	_	Not Conce	ntric to	o/s	BOM/Route	$\boldsymbol{\vdash}$	ırdwar		<u>_</u>	Over/Under	<u> </u>	Temperature/Cure
L	Cracks				Broken/Damaged	_	•	on Incomplete	_	Part Incorred	<u> </u>	Weld
	Crushed	d/Crimped		_	Burrs			ions Incomplete/I	Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled
	Cuffs			_	Contamination	_		nance	<u> </u>	Part Moved		
]	Heat Tr	eat			Countersink	Шмі	islabel	led		Positioned V	_	_
Į	Inspect	on Strip ir	1 Tube	L	Cut Too Short	ШМі	isread	ı	L	Power Loss/	Surge	Other
Ripples in Bend Drill Holes Offset				fset								
	Torque Waves in Extrusion Drawing			∐ Ou	ıt of C	Calibration		-				
	Turning	Sequence	<u> </u>		Finish	Ou	it of S	equence				
Ī	Wave/1	wist in Tu	be	Γ	Folio	Ou	ıtside	Dimensions				

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## **Picklist Print**

March-28-13 12:46:21 PM

Work Order ID:

99092

Parent Item:

D3912-041

Parent Item Name:

Eyebolt Receiver Assembly

**Start Date: 3/27/13** 

Required Date: 3/27/13

Date

Issued

Status

Start Qty: 4.00

Required Oty: 4.00

Qty Issued

Comments:

D3912-3

IPP RevA: new issue DD 09.11.18 verified by:EC

Manufactured

IPP Rev:B 10.06.10 memo in

100

Each

37.0000

seq110 \*\*\*IF PLUNGER GOES IN TO DEEP, INSTALL A WASHER (AN960C516L) IF

NECESSARY BETWEEN PLUNGER AND D3912-1. YOU MAY HAVE TO ENLARGE WASHER HOLE FOR IT TO FIT\*\*\* DD verf.JLM IPP REV:C AS PER REV B 10-08-05 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty
NAS1149C0663R Washer		Purchased	No				Each	65.0000		
				Location		Loc Qty	<u>Lo</u>	c Code		
				ST292		65				/
				116	5893	65				1
D3912-1 Eyebolt		Manufactured	No			100	Each	22.0000	1	·
				Location		Loc Qty	Lo	oc Code		
				ST144		22				
				770	)73	2				
				926	538	3				
				933	713	.17				1

Eyebolt Block				
		Location	Loc Qty	Loc Code
		ST144	37	
		88265	7	
		90533	. 8	
	•	91865	2	
		93746	8	
		97689	12	
D3912-5 Eyebolt Plate	Manufactured	No	100 Each	h 34.0000
		<b>Location</b>	Loc Qty	Loc Code

ST144

83367 88406

97721

NCR:	Yes	1	No
NCR.	162	/	110

DQA: \_\_\_\_Date: \_\_\_\_

NCR: Y	es / No				WORK ORDER NON-O	CONFO	JKIV	IANCE / UPI	DAIE	QA Closed:	Date:	
Work Orde	ŕ:				DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
Part N					Rework Scrap	]	Ν	Skid-tube Machining	Crosstube Small Fab	-1	Water Jet d. Eng. Coor	Engineering Quality
NCR No.					Use-as-is Work Order Update	]   TI	Thermoforming Finishing Large Fab Composite			Rec/Sto	Other	
Root Descri			Descri	ption of work order update	Initi	al	Act	tion	Sign &			
Cause	Date	Step	Qty	(	or Non-conformance	Chief	Eng	Desci	ription	Date	Verification	QC Inspector
Doc/Data	_											·
quip/Tooling												
Operator	_											
Material	4				,							
Setup	_						1				,	
Other	_											
Process												
Supplier			1			1	I					
Training	_											
Jnapproved		<u> </u>				AULTC	ATEC	CORV				
					<del></del>	AULT C	AIEG	OKY				
Landin	g Gear				General Bend	Gra	nin			Ovalized	·	Pressure/Forced
}	Bending Centre No	at Canaa	atria ta (	\c_\-	BOM/Route	$\vdash$	aiii rdwar		<u> </u>	Over/Under	toloranco	Temperature/Cure
}	Cracks	or concei	TEFFIC TO C	"  -	Broken/Damaged	<b></b>		on Incomplete	-	Part Incorred		Weld
-	_	Crimpod		-		<b>—</b>	-	ons Incomplete/(	Inclear	Part Lost/Mi	<del> </del>	Wrong Stock Pulled
· }	Crushed/Crimped Burrs				$\vdash$		nance	officieal –	Part Moved	331116	J WY ON G STOCK T dired	
<u> </u>	<del>_</del>	Cuffs Contamination				$\vdash$	slabel		<u> </u>	Positioned V	Vrong ·	•
ŀ	Heat Treat Countersink Inspection Strip in Tube Cut Too Short				<b></b>	sread	cu	<u> </u>	Power Loss/		Other	
}					Hoff				J. 5**C. 2533/		Journal	
Ripples in Bend Drill Holes Torque Waves in Extrusion Drawing					_		alibration					
Turning Sequence Finish			$\vdash$		equence							
Wave/Twist in Tube Folio				<b>⊢</b> ⊣		Dimensions						
1	1 440 45/ 14		-	1	1.0.0	1 100	23.00	ç;;;;;;;				

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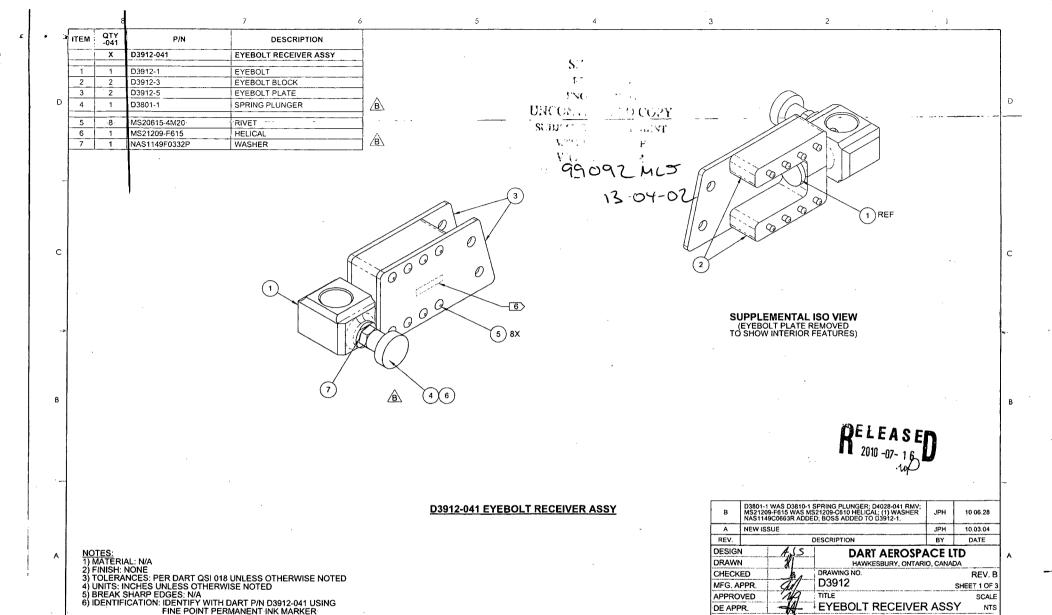
Work Order ID:	99092									
Parent Item:	D3912-041							Start	Date: 3/27/13	Required Date: 3/27/13
Parent Item Name:	Eyebolt Receiver A	ssembly						Star	t <b>Qty:</b> 4.00	Required Qty: 4.00
D3801-1 Hand Retractable Spring	g Plunger	Manufactured	No				Each	18.0000	o <u>t transition in the second contract of the </u>	4 5 3 /4/08
				Location	1	Loc Qty		Loc Code		
	•			GA ·	82615	3 2				B99771
					97963	1				-
				ST066	75178	15 11				- (4x) - , , , ,
<b>MS20615-4M20</b> RIVET		Purchased	No		93789	100	Each	143.0000	8	32 83/06/05
				Location	<u>n</u>	Loc Qty		Loc Code		
	•			GA		143				
					119546	26				M 125567
					120644	7				320
					121339 121463	9 32				
					122807	69			<del></del>	
<b>MS21209-F615</b> Heli-Coil		Purchased	No				Each	102.0000		4 8 3 /06 /05
				Location	<u>n</u>	Loc Qty		Loc Code		
				GA		102				- <b>/</b>
					121561	2				- -
					125097	100			_4	_
										,

NCR:	Yes	/	No

DQA: \_\_\_\_\_ Date: \_\_\_\_

NCR: Yes / No WORK ORDER NON-CONFORMANCE / UPDATE  QA Closed: Date:												
Work Orde	ŗ.				DISPOSITION	AGAINST DEPARTMENT/PROCESS						
Part No.					Rework Scrap	Skid-tube Crosstube  Machining Small Fab			Water Jet Prod. Eng. Coor.		Engineering Quality	
NCR No.					Use-as-is Work Order Update		Thermoforming Finishin  Large Fab Composite			Rec/Store/Packaging Other Supplier		
Root				Desc	Description of work order update			Initial Action		Sign &		
Cause	Dat	e Ste	p Qty	<u>'                                    </u>	or Non-conformance	Ch	ief Eng	Eng Description		Date	Verification	QC Inspector
oc/Data			ŀ			1	ļ					
quip/Tooling							ĺ				ì	
perator	_]		ł									
//aterial		į					ļ					
etup			İ				,					
Other		}					ļ					
rocess		l					l	,				
upplier							l					
raining							1					
Inapproved						$oldsymbol{\perp}$			·			
FAULT CATEGORY												
Landin	g Gear			_	General				_	- -	_	
Ĺ	Bending				Bend	end G		Grain		Ovalized	L	Pressure/Forced
	Centre Not Concentric to O/S				BOM/Route		Hardware			Over/Under	tolerance	Temperature/Cure
	Cracks				Broken/Damaged		Inspection Incomplete			Part Incorrect		Weld
. [	Crushed/Crimped				Burrs		Instructions Incomplete/Unclear			Part Lost/Missing		Wrong Stock Pulled
[	Cuffs				Contamination		Mainte	nance		Part Moved		
	Heat	Treat			Countersink		Mislabeled			Positioned Wrong		
	Inspe	ction Stri	in Tube	Ī	Cut Too Short		Misread			Power Loss/	Power Loss/Surge Other	
	Ripples in Bend				Drill Holes		Offset				·	
ſ	Torque Waves in Extrusion				Drawing		Out of (	Out of Calibration				
Ī	Turning Sequence				Finish		Out of Sequence					
Ţ	Wave/Twist in Tube				Folio		Outside Dimensions					

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5

7) WEIGHT -041: 1.58 lbs

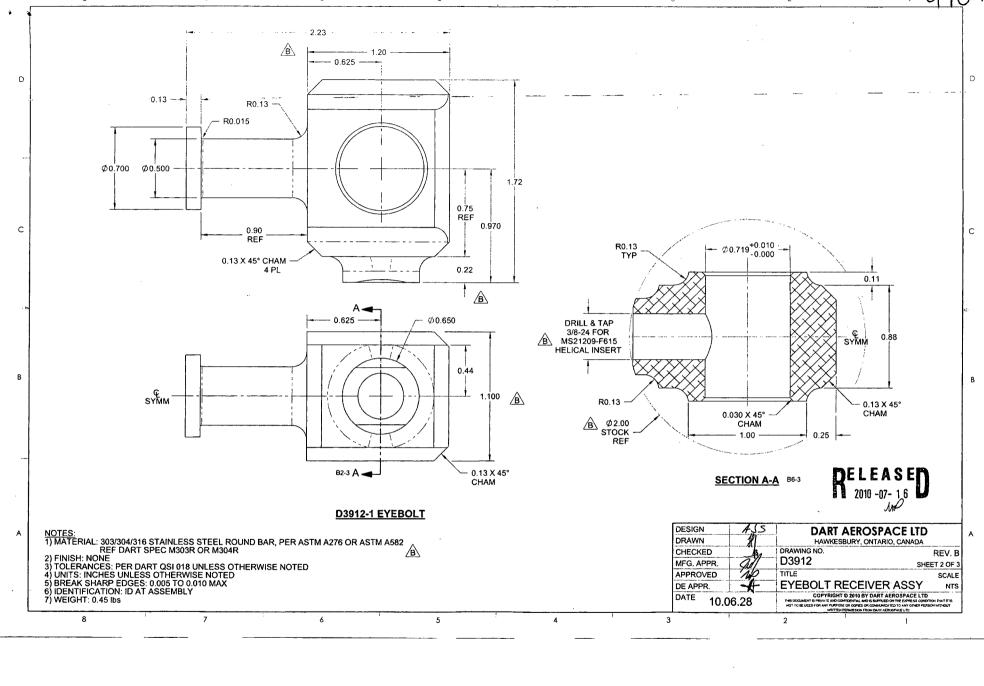
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DATE

3

10.06.28



D -- 3.15 1.500 -- 0.800<sup>+0.000</sup> 2.30 0.500 PITCH 10.375 R0.13 TYP Ø0.129 THRU 0.38 1.500 4 PL 0.400 0.500 PITCH С 0.25 0.50 Φ REF 1.00 0.750 +0.000 1.000 1.500+0.020 R0.13 0.500 2.00 - R0.125 TYP 0.516+0.015 0.63 REF Ø0.129 Ø0.257 8 PL 0.125 2 PL REF **D3912-3 EYEBOLT BLOCK** 3.65 В В 3.69 REF **D3912-5 EYEBOLT PLATE** NOTES: 1) MATERIAL -3: 303/304/316 STAINLESS STEEL BAR, PER ASTM A276 REF DART SPEC M303B OR M304B Quet.

-5: 303/304/316 STAINLESS STEEL SHEET ANNEALED 2B, 0.125 THK PER MIL-S-5059 OR AMS 5513/5524 OR ASTM A240 OR ASME 5A240 REF DART SPEC M303S11GA OR M304S11GA

7) WEIGHT -3: 0.30 lbs -5: 0.24 lbs

2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: ID AT ASSEMBLY

DESIGN DART AEROSPACE LTD DRAWN HAWKESBURY, ONTARIO, CANADA DRAWING NO. CHECKED REV. B D3912 MFG. APPR. SHEET 3 OF 3 TITLE APPROVED SCALE DE APPR. **EYEBOLT RECEIVER ASSY** NTS COPYRIGHT © 2010 BY DART AEROSPACE LTD
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